

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Vemuri B. Reddy et al.  
Serial No. 548,228  
Filed: November 2, 1983  
For: Heteropolymeric Proteins

Art Unit: 127  
Examiner: Giesser

Commissioner of Patents and Trademarks  
Washington, DC 20231

Sir:

Declaration of Nancy Hsiung  
Under 37 CFR §1.131

I Declare:

1. I am an inventor of the subject matter of the above-captioned patent application.

2. Attached hereto and marked Exhibit A is a page from my notebook, describing the following work, which was carried out by me prior to October 1, 1983. Plasmids pRF398, containing DNA encoding the beta subunit of hCG, and pRF375, encoding the alpha subunit of hCG, were used to transform C127 cells (these two plasmids are illustrated in Figures 4 and 5 of the above-captioned patent application). Transformation was carried out for 5 1/2 hours, <sup>followed</sup> by shocking the cells with 20 percent glycerol in phosphate buffered saline. <sup>at room temperature / 2 min.</sup> Cells were transformed with two different concentrations of plasmid, depicted in columns B and C of Exhibit A. The line transformed according to column B, "CM alpha beta", was later shown to produce biologically active dimeric hCG.

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3. I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application of any patent issued thereon.

Further Declarant says not.

Nancy Hsiung  
Nancy Hsiung

Date 12/10/85